



POTENTIAL HAZARDOUS WASTE SITE  
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION SITE NUMBER (to be assigned by HQ)

6

TX05185

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

*Additional Info*

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

TXD07495678

A. SITE NAME

Gulf Chemical and Metallurgical

B. STREET (or other identifier)

P. O. Box 2290

C. CITY

Freeport

D. STATE

TX

E. ZIP CODE

77541

F. COUNTY NAME

Brazoria

G. OWNER/OPERATOR (if known)

1. NAME

same

2. TELEPHONE NUMBER

233-7882

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION

(1) lagoon, (1) waste pile

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)

TDWR files

K. DATE IDENTIFIED (mo., day, & yr.)

March 23, 1977

L. PRINCIPAL STATE CONTACT

1. NAME

T. Kearns

2. TELEPHONE NUMBER

713/479-5981

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☒ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☐ 1. NO ACTION NEEDED (no hazard)

☐ 2. IMMEDIATE SITE INSPECTION NEEDED

a. TENTATIVELY SCHEDULED FOR:

SUPERFUND FILE

b. WILL BE PERFORMED BY:

DEC 01 1992

☐ 4. SITE INSPECTION NEEDED (low priority)

REORGANIZED

☒ 3. SITE INSPECTION NEEDED

a. TENTATIVELY SCHEDULED FOR:

Sept. 1981

b. WILL BE PERFORMED BY:

TDWR

C. PREPARER INFORMATION

1. NAME

T. Kearns

2. TELEPHONE NUMBER

713/479-5981

3. DATE (mo., day, & yr.)

June 3, 1981

III. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

☐ 2. INACTIVE (Those sites which no longer receive wastes.)

☐ 3. OTHER (specify):  
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☐ 1. NO

☒ 2. YES (specify generator's four-digit SIC Code):

2819

C. AREA OF SITE (in acres)

5

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE (deg.-min.-sec.)

29° 25' 00"

2. LONGITUDE (deg.-min.-sec.)

95° 17' 00"

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO

☒ 2. YES (specify):

Chemical, metallurgical units

90066871



## CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY	XX	4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

## E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

## V. WASTE RELATED INFORMATION

## A. WASTE TYPE

☐ 1. UNKNOWN    ☒ 2. LIQUID    ☒ 3. SOLID    ☐ 4. SLUDGE    ☐ 5. GAS

## B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN    ☐ 2. CORROSIVE    ☐ 3. IGNITABLE    ☐ 4. RADIOACTIVE    ☐ 5. HIGHLY VOLATILE  
☐ 6. TOXIC    ☐ 7. REACTIVE    ☐ 8. INERT    ☐ 9. FLAMMABLE

☐ 10. OTHER (specify):

## C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Yes, TDWR manifest

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE		b. OIL		c. SOLVENTS		d. CHEMICALS		e. SOLIDS		f. OTHER	
AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT	
UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE	
X	(1) PAINT, PIGMENTS	X	(1) OILY WASTES	X	(1) HALOGENATED SOLVENTS	X	(1) ACIDS	X	(1) FLYASH	X	(1) LABORATORY PHARMACEUT.
	(2) METALS SLUDGES		(2) OTHER (specify):	XXX	(2) NON-HALOGENATED SOLVENTS		(2) PICKLING LIQUORS		(2) ASBESTOS		(2) HOSPITAL
	(3) POTW				(3) OTHER (specify):		(3) CAUSTICS		(3) MILLING/ MINE TAILINGS		(3) RADIOACTIVE
	(4) ALUMINUM SLUDGE						(4) PESTICIDES		(4) FERROUS SMLTG. WASTES		(4) MUNICIPAL
	(5) OTHER (specify):						(5) DYES/INKS		(5) NON-FERROUS SMLTG. WASTES		(5) OTHER (specify):
							(6) CYANIDE	XX	(6) OTHER (specify):		
							(7) PHENOLS		Calcium phosphate		
							(8) HALOGENS		Spent catalyst with metals.		
							(9) PCB				
							(10) METALS				
							(11) OTHER (specify):				

## V. WASTE RELATED INFORMATION (Continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Calcium phosphate  
spent catalyst with vanadium, cobalt

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

## VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify): See Site Description page attached.	XXXXX			

## VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☒ 1 NPDES PERMIT    ☒ 2 SPCC PLAN    ☒ 3. STATE PERMIT (specify): 30952, W.C.O. 01861  
☒ 4. AIR PERMITS    ☐ 5. LOCAL PERMIT    ☐ 6. RCRA TRANSPORTER  
☐ 7 RCRA STORER    ☐ 8 RCRA TREATER    ☐ 9 RCRA DISPOSER  
☐ 10. OTHER (specify): \_\_\_\_\_

B. IN COMPLIANCE?

- ☐ 1. YES    ☐ 2. NO    ☒ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name &amp; number): \_\_\_\_\_

## VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE    ☒ B. YES (summarize below)

Enforcement order 76-53 issued Aug. 25, 1976 for contaminated stormwater problems.

## IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE    ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
RCRA inspection	November 24, 1980	EPA	

## X. REMEDIAL ACTIVITY (past or on-going)

- ☒ A. NONE    ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.